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Publication Metrics

For manuscripts published from date range February 2007 - February 2025

17	945
H-index	Sum of Times Cited
54	53
Total Publications	Web of Science Core Collection Publications
4	

Sum of Times Cited by Patents

For all time

22

H-index

75

1366

Sum of Times Cited

71

Total Publications

Web of Science Core Collection Publications

20

Sum of Times Cited by Patents

Publication Impact Over Time

Times Cited and Publications Over Time



Publications

For manuscripts published from date range February 2007 - February 2025 (49)

Electrochemiluminescence Imaging of Liposome Permeabilization by an Antimicrobial Peptide: Melittin

Published: Mar 2023 in Chemical & Biomedical Imaging DOI: 10.1021/CBMI.3C00003

Electrode-supported and free-standing bilayer lipid membranes: Formation and uses in molecular electrochemistry Published: Dec 2022 in Electrochemical Science Advances DOI: 10.1002/ELSA.202100170

Synthesis, Electrochemical and Fluorescence Properties of the First Fluorescent Member of the Ferrocifen Family and of Its Oxidized Derivatives Published: Oct 2022 in Molecules DOI: 10.3390/MOLECULES27196690

Dynamic Electrochemiluminescence Imaging of Single Giant Liposome Opening at Polarized Electrodes

Published: Jan 2022 in Analytical Chemistry DOI: 10.1021/ACS.ANALCHEM.1C04238

Electrochemical Fluorescence Switch of Organic Fluorescent or Fluorogenic Molecules Published: Sep 2021 in The Chemical Record DOI: 10.1002/TCR.202100022

Interaction of Redox Probes and Ferrocene-labelled Peptides with Lipid Bilayers Observed at Lipid Bilayer-Modified Electrodes

Published: Jul 2021 in ChemElectroChem DOI: 10.1002/CELC.202100501

Disclosing the redox metabolism of drugs: The essential role of electrochemistry Published: Dec 2020 in Current Opinion in Electrochemistry DOI: 10.1016/J.COELEC.2020.07.002 A Fluorescent False Neurotransmitter as a Dual Electrofluorescent Probe for Secretory Cell Models Published: Oct 2019 in ChemPlusChem DOI: 10.1002/CPLU.201900385

Fundamental Input of Analytical Electrochemistry in the Determination of Intermediates and Reaction Mechanisms in Electrosynthetic Processes Published: Aug 2019 in ChemElectroChem DOI: 10.1002/CELC.201900045

Diverting photosynthetic electrons from suspensions of Chlamydomonas reinhardtii algae - New insights using an electrochemical well device Published: May 2019 in Electrochimica Acta DOI: 10.1016/J.ELECTACTA.2019.02.105

New mechanistic insights into osmium-based tamoxifen derivatives Published: Apr 2019 in Electrochimica Acta DOI: 10.1016/J.ELECTACTA.2019.02.019

Cover Feature: Fundamental Input of Analytical Electrochemistry in the Determination of Intermediates and Reaction Mechanisms in Electrosynthetic Processes (ChemElectroChem 16/2019)

Published: Apr 2019 in ChemElectroChem DOI: 10.1002/CELC.201901158

Redox switchable rhodamine-ferrocene dyad: Exploring imaging possibilities in cells Published: Dec 2018 in Electrochemistry Communications DOI: 10.1016/J.ELECOM.2018.10.009

Coupling electrochemistry and TIRE-microscopy with the fluorescent false neurotransmitter FFN102 supports the fluorescence signals during single vesicle exocytosis detection Published: Apr 2018 in Biophysical Chemistry DOI: 10.1016/J.BPC.2018.02.004

Fast and complete electrochemical conversion of solutes contained in micro-volume water droplets

Published: Jan 2018 in Electrochemistry Communications DOI: 10.1016/J.ELECOM.2017.12.007

Electrochemical switching fluorescence emission in rhodamine derivatives Published: Jan 2018 in Electrochimica Acta DOI: 10.1016/J.ELECTACTA.2017.12.104

Electrochemical characterization of plutonium in n-tributyl phosphate Published: Apr 2017 in Dalton Transactions DOI: 10.1039/C6DT04765C

Molecular electrochemistry: A central method to understand the metabolic activation of therapeutic agents. The example of metallocifen anti-cancer drug candidates Published: Apr 2017 in Current Opinion in Electrochemistry DOI: 10.1016/J.COELEC.2016.12.003 Electrochemical quenching of the fluorescence produced by NBD-labelled cell penetrating peptides: A contribution to the study of their internalization in large unilamellar vesicles Published: Mar 2017 in Journal of Electroanalytical Chemistry DOI: 10.1016/J.JELECHEM.2017.02.006

A Dual Functional Electroactive and Fluorescent Probe for Coupled Measurements of Vesicular Exocytosis with High Spatial and Temporal Resolution

Published: Feb 2017 in Angewandte Chemie International Edition DOI: 10.1002/ANIE.201611145

Selective Electrochemical Bleaching of the Outer Leaflet of Fluorescently Labeled Giant Liposomes

Published: Feb 2017 in Chemistry - A European Journal DOI: 10.1002/CHEM.201605786

Revisiting the Complex Osmocene Electro-Oxidation Mechanism Published: Sep 2016 in Electrochimica Acta DOI: 10.1016/J.ELECTACTA.2016.07.082

Evaluation of photosynthetic electrons derivation by exogenous redox mediators Published: Oct 2015 in Biophysical Chemistry DOI: 10.1016/J.BPC.2015.05.003

Synthesis, Characterization, and Biological Properties of Osmium-Based Tamoxifen Derivatives -Comparison with Their Homologues in the Iron and Ruthenium Series Published: Sep 2015 in European Journal of Inorganic Chemistry DOI: 10.1002/EJIC.201500770

Three-electrode analytical and preparative electrochemistry in micro-volume hanging droplets Published: May 2015 in Electrochemistry Communications DOI: 10.1016/J.ELECOM.2015.02.013

Electrochemically Driven Supramolecular Interaction of Quinones and Ferrocifens: An Example of Redox Activation of Bioactive Compounds Published: Jan 2015 in Current Topics in Medicinal Chemistry DOI: 10.2174/1568026615666141209155300

Electrochemical Behavior of Cerium (IV) Species in n-TriButylPhosphate Published: 2015 in Electrochimica Acta DOI: 10.1016/J.ELECTACTA.2015.04.014

Oxidative Sequence of a Ruthenocene-Based Anticancer Drug Candidate in a Basic Environment Published: Sep 2014 in Organometallics DOI: 10.1021/OM500225K

Monitoring and Quantifying the Passive Transport of Molecules Through Patch-Clamp Suspended Real and Model Cell Membranes

Published: Mar 2014 in Angewandte Chemie International Edition DOI: 10.1002/ANIE.201308990

Uncovering the Missing Link between Molecular Electrochemistry and Electrocatalysis: Mechanism of the Reduction of Benzyl Chloride at Silver Cathodes Published: Jan 2014 in ChemElectroChem DOI: 10.1002/CELC.201300101

The effect of protic electron donor aromatic substituents on ferrocenic and [3]ferrocenophanic anilines and anilides: Some aspects of structure-activity relationship studies on organometallic compounds with strong antiproliferative effects

Published: Nov 2013 in Journal of Organometallic Chemistry DOI: 10.1016/J.JORGANCHEM.2013.05.047

Synthesis, Characterization, and Antiproliferative Activities of Novel Ferrocenophanic Suberamides against Human Triple-Negative MDA-MB-231 and Hormone-Dependent MCF-7 Breast Cancer Cells Published: Jul 2013 in Organometallics

DOI: 10.1021/OM400490A

Surface grafting of a pi-conjugated amino-ferrocifen drug Published: Jun 2013 in Journal of Electroanalytical Chemistry DOI: 10.1016/J.JELECHEM.2013.04.004

Electrochemistry of a ferrocene-grafted cell-penetrating peptide Published: Oct 2012 in Electrochimica Acta DOI: 10.1016/J.ELECTACTA.2012.06.119

Deciphering the Activation Sequence of Ferrociphenol Anticancer Drug Candidates Published: May 2012 in Chemistry - A European Journal DOI: 10.1002/CHEM.201103378

Direct electrochemical reduction of organic halide droplets dispersed in water Published: 2012 in RSC Advances DOI: 10.1039/C2RA20215H

Electrochemical studies of cell penetrating peptide interactions with lipid membranes Published: 2012 in Abstracts of Papers of the American Chemical Society

Ferrocenyl catechols: synthesis, oxidation chemistry and anti-proliferative effects on MDA-MB-231 breast cancer cells Published: 2012 in Dalton Transactions DOI: 10.1039/C2DT30700F

Electrochemistry at gold nanoparticles deposited on dendrimers assemblies adsorbed onto gold and platinum surfaces

Published: Aug 2011 in Journal of Electroanalytical Chemistry DOI: 10.1016/J.JELECHEM.2011.05.004

Electrochemical analysis of the interactions and reactivity of ferrocene-based drugs with a lipid environment: A qualitative overview

Published: Aug 2011 in Inorganica Chimica Acta DOI: 10.1016/J.ICA.2011.04.030 Further insights into hydrophobic interactions between ferrocenyl-tamoxifen drugs and non-polar molecular architectures at electrode surfaces

Published: Oct 2009 in Journal of Electroanalytical Chemistry DOI: 10.1016/J.JELECHEM.2009.07.015

A [3]Ferrocenophane Polyphenol Showing a Remarkable Antiproliferative Activity on Breast and Prostate Cancer Cell Lines

Published: Aug 2009 in Journal of Medicinal Chemistry DOI: 10.1021/JM900297X

Exploring the first steps of an electrochemically-triggered controlled polymerization sequence: Activation of alkyl- and benzyl halide initiators by an electrogenerated Fe(II)Salen complex Published: Aug 2009 in Journal of Electroanalytical Chemistry DOI: 10.1016/J.JELECHEM.2009.04.030

The replacement of a phenol group by an aniline or acetanilide group enhances the cytotoxicity of 2-ferrocenyl-1,1-diphenyl-but-1-ene compounds against breast cancer cells Published: Mar 2009 in Journal of Organometallic Chemistry DOI: 10.1016/J.JORGANCHEM.2008.11.035

Design and electrochemical characterization of a new cobalt(II)-cyclodextrin complex. Evidence for a supramolecular stabilization of the Co(I) state

Published: Jan 2009 in Electrochemistry Communications DOI: 10.1016/J.ELECOM.2008.10.044

Reactivity and Antiproliferative Activity of Ferrocenyl-Tamoxifen Adducts with Cyclodextrins against Hormone-Independent Breast-Cancer Cell Lines

Published: Sep 2008 in Chemistry - A European Journal DOI: 10.1002/CHEM.200800507

Supramolecular effects of cyclodextrins on the electrochemical reduction and reactivity of aromatic carbonyl compounds

Published: Sep 2008 in Journal of Electroanalytical Chemistry DOI: 10.1016/J.JELECHEM.2007.07.029

Electrochemical attachment of a conjugated amino-ferrocifen complex onto carbon and metal surfaces

Published: Jul 2008 in Journal of Electroanalytical Chemistry DOI: 10.1016/J.JELECHEM.2008.04.012

Activation of 1-halonaphthalenes by electrogenerated [Col-salen]– Published: Feb 2007 in Journal of Electroanalytical Chemistry DOI: 10.1016/J.JELECHEM.2006.10.004